

MATERIAL SAFETY DATA SHEET

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MSDS # 126025005

DRANO® MAX LIQUID

Date Issued: 16Dec2002

Supersedes: 13Jan2000

US MANUFACTURER:

S.C. Johnson & Son, Inc.
Phone: (800) 725-6737
Racine, Wisconsin 53403-2236
Emergency Phone: (888) 779-7920
International Emergency Phone:
(262) 886-1480

CANADIAN MANUFACTURER:

S.C. Johnson and Son, Limited
Phone: (800) 725-6737
1 Webster Street
Brantford, Ontario N3T 5R1
Transportation Emergency:
CANUTEC (collect) (613) 996-6666
Poison Control: (888) 779-7920

HAZARD RATING	HMIS	HAZARD	NFPA	DISTRIBUTED IN CANADA BY:
4-Very High	3	Health	3	S.C. Johnson and Son, Limited
3-High	0	Flammability	0	Phone: (800) 725-6737
2-Moderate	0	Reactivity	0	1 Webster Street
1-Slight		Special		Brantford, Ontario N3T 5R1
0-Insignificant				

SECTION 1 - PRODUCT IDENTIFICATION

PRODUCT NAME..... DRANO® MAX LIQUID
PRODUCT USE..... Specialty chemical

UPC	SCJ CODE	QUANTITY	US SIZE	CANADIAN SIZE
59200 00723	20723	12		900 ML
19800 02734	2734	12	32 OZ	
19800 00109	2734	4	128 OZ	3.78 L
19800 62117	2734	6	43.2 OZ	

SECTION 2 - INGREDIENT INFORMATION

INGREDIENT	WEIGHT%	EXPOSURE LIMIT/TOXICITY
Sodium Silicate (CAS# 1344-09-8).....	<1.0	NOT ESTABLISHED
Sodium Hydroxide (CAS# 1310-73-2).....	1-5	2 mg/m³ ACGIH/OSHA CEILING
Surfactants (CAS# 3332-27-2).....	1-5	NOT ESTABLISHED
Sodium Hypochlorite (CAS# 7681-52-9).....	5-10	0.5 ppm ACGIH/OSHA TWA , 1 ppm ACGIH/OSHA STEL (CHLORINE)
Water (CAS# 7732-18-5).....	80-90	NOT ESTABLISHED

SECTION 3 - HEALTH HAZARDS IDENTIFICATION (Also See Section 11)

ROUTE(S) OF ENTRY..... Skin contact.

EFFECTS OF ACUTE EXPOSURE:

EYE..... May cause: Chemical burns.
SKIN..... May cause: Moderate skin irritation. Chemical burns.
INHALATION..... None known.
INGESTION..... May cause: Severe damage to the digestive tract.

MEDICAL CONDITIONS..... None known.

GENERALLY RECOGNIZED
AS BEING AGGRAVATED
BY EXPOSURE

SECTION 4 - FIRST AID MEASURES

EYE CONTACT..... Flush immediately with plenty of water for at least 15 to 20 minutes. If irritation persists, get medical attention.

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SECTION 4 - FIRST AID MEASURES (continued)

SKIN CONTACT..... Remove contaminated clothing. Flush immediately with plenty of water for at least 15 to 20 minutes. If irritation persists, get medical attention.

INHALATION..... Remove to fresh air.

INGESTION..... Do not induce vomiting! Immediately drink 1-2 glasses of water or milk. Contact nearest poison control center. Due to corrosive nature of product, may cause esophageal damage.

SECTION 5 - FIRE AND EXPLOSION INFORMATION

FLASH POINT..... Not applicable.

FLAMMABLE LIMITS..... Not applicable.

AUTOIGNITION..... Not applicable.

TEMPERATURE

EXTINGUISHING MEDIA.... Foam. CO2. Dry chemical. Water fog.

SPECIAL FIREFIGHTING... Fire fighters should wear self-contained breathing apparatus and protective clothing.

PROCEDURES

UNUSUAL FIRE AND..... Corrosive Material (See Sections 8 and 10).

EXPLOSION HAZARDS

SECTION 6 - PREVENTIVE RELEASE MEASURES

STEPS TO BE TAKEN IN... Dike large spills. Absorb with oil-dri or similar inert

CASE MATERIAL IS material. Sweep or scrape up and containerize. Wear/use

RELEASED OR SPILLED appropriate protective equipment.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONARY..... DANGER: KEEP OUT OF REACH OF CHILDREN. Harmful if swallowed. May

INFORMATION burn skin and damage eyes, and mucous membranes on contact.

OTHER HANDLING AND.... Wash thoroughly after handling.

STORAGE CONDITIONS

SECTION 8 - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION. No special requirements under normal use conditions.

VENTILATION..... General room ventilation adequate.

PROTECTIVE GLOVES..... No special requirements under normal use conditions.

EYE PROTECTION..... No special requirements under normal use conditions.

OTHER PROTECTIVE..... If major exposure is possible to eyes/skin, wear/use appropriate

MEASURES protective equipment.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

COLOR..... Clear Straw-colored

PRODUCT STATE..... Liquid.

ODOR..... Bleach

pH..... 11.5-13.4

ODOR THRESHOLD..... Not available.

SOLUBILITY IN WATER.... Complete

SPECIFIC GRAVITY..... 1.113

(H2O=1)

VAPOR DENSITY (AIR=1).. Same as water.

EVAPORATION RATE (BUTYL ACETATE=1) Not available.

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----- SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES (continued) -----

VAPOR PRESSURE (mm HG). Not available.
BOILING POINT..... 212°F (100°C)
FREEZING POINT..... Not available.
COEFFICIENT OF..... Not available.
WATER/OIL
PERCENT VOLATILE BY.... Not available.
VOLUME (%)
VOLATILE ORGANIC..... Not available.
COMPOUND (VOC)
THEORETICAL VOC..... Not available.
(LB/GAL)

----- SECTION 10 - STABILITY AND REACTIVITY -----

STABILITY..... Stable
STABILITY - CONDITIONS. None known.
TO AVOID
INCOMPATIBILITY..... Never use or mix with other cleaners or chemicals. Mixing with other cleaning products may produce toxic gas. Can react to give chlorine gas. If this occurs, leave area immediately. Do not return for half hour. Ventilate if possible.
HAZARDOUS DECOMPOSITION chlorine.
PRODUCTS
HAZARDOUS..... Will not occur.
POLYMERIZATION
HAZARDOUS..... Not applicable.
POLYMERIZATION -
CONDITIONS TO AVOID

----- SECTION 11 - TOXICOLOGY INFORMATION (Also See Section 3) -----

LD50 (ACUTE ORAL TOX).. Corrosive
LD50 (ACUTE DERMAL TOX) Not available.
LC50 (ACUTE INHALATION. Not available.
TOX)
EFFECTS OF CHRONIC..... None known.
EXPOSURE
SENSITIZATION..... None known.
CARCINOGENICITY..... None known.
REPRODUCTIVE TOXICITY.. None known.
TERATOGENICITY..... None known.
MUTAGENICITY..... None known.

----- SECTION 12 - ECOLOGICAL INFORMATION -----

ENVIRONMENTAL DATA..... Not available.

----- SECTION 13 - DISPOSAL CONSIDERATIONS -----

WASTE DISPOSAL..... Waste from normal product use may be sewered to a public-owned
INFORMATION treatment works (POTW) in compliance with applicable Federal/
Provincial/ State/ Local/ Municipal pretreatment requirements.

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----- SECTION 14 - TRANSPORTATION INFORMATION -----

US DOT INFORMATION..... Not applicable.
CANADIAN SHIPPING NAME. DRANO® MAX LIQUID
TDG CLASSIFICATION..... Not applicable.
PIN/NIP..... Not applicable.
PACKING GROUP..... Not applicable.
EXEMPTION NAME..... Consumer commodity

----- SECTION 15 - REGULATORY INFORMATION -----

WHMIS CLASSIFICATION... Non-regulated.

All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

All ingredients in this product comply with the New Substances Notification requirements under the Canadian Environmental Protection Act (CEPA).

This product is not subject to the reporting requirements under California's Proposition 65.

----- SECTION 16 - OTHER INFORMATION -----

ADDITIONAL INFORMATION. Use as directed.
EPA REGISTRATION #..... Not applicable.

----- PREPARATION INFORMATION -----

PREPARED BY..... Manufacturer's Technical Support Department. Refer to page 1
(Manufacturer) for contact information.

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PRINT DATE: 16Dec2002